



## DESCRIPTION

Ryanfire Mastic is an internal use water-borne acrylic sealant with fire and smoke resistant, and acoustic properties. Ryanfire Mastic is used for sealing apertures around service penetrations.

Ryanfire Mastic cures to form a firm and flexible seal preventing the spread of flame and smoke through joints and openings in Ryanbatt 502/802 board and in fire rated walls & floors.

Ryanfire Mastic is available in a gun grade or a brush grade.

## CERTIFICATION

Ryanfire Mastic has been tested and assessed in accordance with AS1530.4:2014 and AS4072.1:2005, and ISO 10140-2 at IANZ/NATA accredited laboratories.

## APPLICATION

Ryanfire Mastic has been tested in various types of walls and floors including plasterboard, masonry, concrete, composite floors, Timber Infill, KOROK®, PLT, CLT and plasterboard ceilings.

Ryanfire Mastic is typically used to seal around cables, non-combustible pipes and for smoke sealing around services protected by Ryanfire SL collars, FS Collars & TD Collars. It is also used together with Ryanbatt 502/802 board including the Naked Wall & Floor Systems.

## LIMITATIONS

Occasionally acrylic/water-based sealants develop cracks/slits/ tears and pull away from the edge of substrates during the curing cycle. Conditions during application and early stage of curing can contribute to the above. Acrylic sealant cures more effectively at temperatures above 8°C helping form a uniform skin/seal. Research suggests low temperatures or high humidity creates extra tension on the skin of the sealant which can produce the above application problems.

If the sealant demonstrates any of the above we recommend reapplication following manufacturer's instructions repairing the split, tear, cracking or delamination.

Acrylic sealants should not be used where there is a likelihood of vibration, movement or seismic activity, we recommend Ryanfire Penoflex or Ryansil, both having improved elastomeric characteristics.

## PRODUCT DETAILS

Colour	Light Grey
Appearance	Viscous paste
Packaging	600ml foil sausages (gun grade) 5kg pails (brush grade)
Density	1.57 g/ml
Acoustic	Composite STC 63 (base wall STC 67, 35mm gap), ISO 10140-2 Composite STC 55 (base wall STC 55, 35mm gap), ISO 10140-2
VOC	97 g/l (SCAQMD Method 304-91)

## USAGE CALCULATION

To calculate the quantity of mastic required for a seal use the following formula:

$$\frac{\text{Gap Width(mm)} \times \text{Gap Depth(mm)} \times \text{Length(M)}}{600} = \text{Qty of sausages}$$

## FEATURES

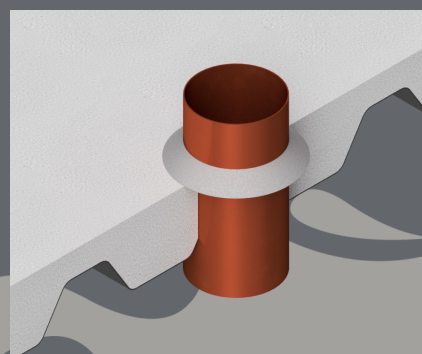
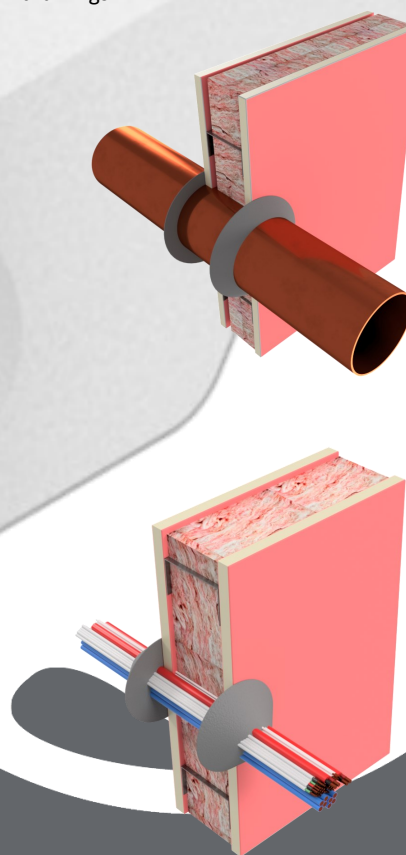
- Tested to AS1530.4:2014
- Quick curing
- Acoustic rated
- Up to 120mins FRR

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Ryanfire Mastic

Ryanfire Mastic is used in conjunction with other Ryanfire products. Please contact the technical department for specific and more detailed "V" drawings.



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